NOTICE OF INTENT TO ISSUE A
"PERMIT TO CONSTRUCT" PURSUANT TO RULE 212

This notice is to inform you that the South Coast Air Quality Management District (AQMD) has received an application for permit to construct one emergency internal combustion engine at a location in your neighborhood. The AQMD is the air pollution control agency for all of Orange County and portions of Los Angeles, Riverside and San Bernardino Counties. Anyone wishing to, install, operate or modify equipment that could be a source of air pollution within this region must first obtain a permit from the AQMD. Rule 212 requires the applicant for certain projects to distribute a public notice prepared by the AQMD prior to the issuance of a permit. This notice is being distributed because the project will be located within 1,000 feet of Polytechnic High School located at 1030 E. California Blvd., Pasadena, CA 91106.

The AQMD has evaluated the permit application for the following equipment and determined that the equipment will meet all applicable air quality requirements of our Rules and Regulations:

Company Name: CALIFORNIA INSTITUTE OF TECHNOLOGY
Application No.: 476877
Location Address: 650 S. WILSON, PASADENA CA 91106
Project Description: OPERATE A NEW DIESEL FUELED INTERNAL COMBUSTION ENGINE USED TO DRIVE AN EMERGENCY STAND-BY ELECTRICAL GENERATOR.

California Institute of Technology (Central Plant) is located at the address above. The internal combustion engine is used to drive an emergency electrical generator which is used by the facility to produce emergency power in the event of a power outage. The engine will operate no more than 200 hours in any one year for emergency services and routine maintenance.

The internal combustion engine will use the best available technology for controlling air pollution. The combustion of diesel fuel in the engine will result in the emission of small quantities of combustion products such as carbon monoxide and nitrogen oxides. Our calculations show a maximum amount of one-third (0.3) pound of Carbon Monoxide (CO) and two (2) pounds of Nitrogen Oxides will be emitted by this engine in a day. Generally, the amount will be less. But even at the maximum amount, this project complies with all aspects of AQMD's air pollution control requirements.

The combustion of diesel fuel in the engine also will result in the emission of small quantities of some toxic compounds. The AQMD has evaluated the short term (acute) and long term (chronic) health impacts associated with the maximum potential emissions. Using worst case conditions, our evaluation shows that the chronic and acute health risks are both below our rule’s toxic thresholds (below a Hazard Index of 1). According to the state health experts, a hazard index of one or less means that the surrounding community including the most sensitive individuals such as very young children and the elderly will not experience any adverse health impacts due to the toxic nature of these emissions. In addition, the long term cancer risk from these emissions is 7.68 in a million.

The air quality analysis of this project is available for public review at the AQMD’s headquarters in Diamond Bar. A copy of the draft permit to construct can be viewed at www.aqmd.gov/webapp/p/PublicNotices/Search.aspx by entering the company’s name. Information regarding the facility owner’s compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to AQMD, based on credible information, is also available from the AQMD for public review. Anyone wishing to comment on the proposed issuance of this permit should submit their comments in writing within 30 days of the distribution date shown below. If you are concerned primarily about zoning decisions and the process by which this facility has been sited at this location, you should contact your local city or county planning department.

Please submit comments related to air quality to Ms. Vicky Lee, Air Quality Engineer, General Commercial and Energy Permitting Team, Engineering and Compliance, South Coast Air Quality Management District, 21865 Copley Drive, Diamond Bar, California 91765-4178. For additional information, please call Ms. Vicky Lee at (909) 396-2284.

For your general information, anyone experiencing air quality problems such as dust or odor can telephone in a complaint to the AQMD by calling 1-800-CUT-SMOG (1-800-288-7664).

DISTRIBUTION DATE: __________________________